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April 15, 2015

Sean Sheldrake  
Project Coordinator  
U.S. EPA, Region 10  
1200 Sixth Avenue, M/S ECL-111  
Seattle, Washington 98101

Re: March 2015 Monthly Progress Report  
Administrative Settlement Agreement and Order on Consent for Removal Action  
U.S. EPA Region 10 Docket No. CERCLA 10-2009-0255  
Gasco Sediments Site within the Portland Harbor Superfund Site

Project Number: 000029-02.32

Dear Mr. Sheldrake:

This monthly progress report provides information required by Section VIII, Paragraph 26, of the Administrative Settlement Agreement and Order on Consent for Removal Action (Order) for actions taken in March 2015 at the Gasco Sediments Site within the Portland Harbor Superfund Site.

## **1. ACTIONS TAKEN IN THIS MONTH AND PROBLEMS ENCOUNTERED**

The following actions and correspondences occurred in this month:

- **March 7** – Anchor QEA notified EPA and DEQ that NW Natural will be re-starting the upland source control hydraulic control and containment (HC&C) system at the Gasco site on Tuesday March 10 and continue to collect distributed temperature sensing (DTS) data in the focused investigation area per the EPA-approved Work Plan to evaluate offshore seepage during pumping of the system.
- **March 9** – DEQ approved re-starting the HC&C system.

- **March 16** – Anchor QEA submitted the Gasco Sediments Site monthly progress report to EPA.
- **March 27** – Anchor QEA performed the monthly visual monitoring of the shoreline area in the direct vicinity of the pilot cap.

## **2. RESULTS OF SAMPLING, TESTS, AND OTHER DATA RECEIVED**

The results of the monthly visual monitoring of the shoreline area in the direct vicinity of the pilot cap are provided as Attachment A.

## **3. SCHEDULE OF ACTIVITIES FOR THE NEXT MONTH**

Anchor QEA anticipates the following activities to occur in the next month:

- Submit the April monthly progress report.
- Complete monthly visual monitoring of the shoreline area in the direct vicinity of the pilot cap area.
- Perform diver inspection of the remainder of the DTS fiber optic cable alignment in the focused investigation area and complete the focused investigation data collection.

## **4. ANTICIPATED PROBLEMS AND PROPOSED RESOLUTIONS**

No problems or unforeseen conditions were encountered.

NW Natural remains ready at EPA's convenience to meet with EPA to discuss the path forward for the Gasco Sediments Site. Please contact the undersigned if you have any questions or require additional information.

Sincerely,



Ryan Barth, P.E.  
Project Manager

**Attachments:**

Attachment A      Monthly Visual Monitoring Report for Pilot Cap Vicinity

Cc:

Bob Wyatt, NW Natural

Patty Dost, Pearl Legal Group PC

Myron Burr, Siltronic Corporation

Ilene Gaekwad and William Earle, Davis Rothwell Earle and Xochihua

James Peale, Maul Foster Alongi, Inc.

Lance Peterson, CDM Smith

Matt McClincy, DEQ

Dana Bayuk, DEQ



## Visual Observations Log Form

**Date** March 27, 2015 **Project Number:** 000029-02.36 Task 4a

**Location:** NW Natural "Gasco" Site

**Project Name:** NW Natural – Gasco

**Monitoring Period:** Monthly (Year 9)— March 2015

**Time Observations Started:** March 27, 2015 @ 11:00 **Time Observation Concluded:** March 27, 2015 @ 12:00

**Weather Conditions:** Partly cloudy, 56° Fahrenheit, north wind @ 0-2 knots.

**Wave Action Observations:** Very little wave action (0.1 – 0.2 feet in height)

**Photographs Taken:** ☒ Yes ☐ No

**Tidal Conditions:** Willamette River level on 3/27/15 ranged in elevation from 6.14 to 7.29 feet. The Willamette River level during photos was approximately 7.21 feet measured at 11:30 (River Level Elevation Datum: Morrison Gage Height).

**Observations of Erosion/Deposition:** No erosion/deposition is evident along the shoreline. The shoreward extent of the cap was not visible due to high river water elevation and the extents of the organoclay mat material were also submerged. (Photo 1).

**Observations of Long-term Controls (i.e., oil booms, organo-clay mat, etc.)** During the observation, a barge and two tug boats were tied at the dock and the Fuel and Marine Marketing (FAMM) containment boom was placed around the barge and tug boats. Two buoys that identify the cap area to mariners are in place as installed. The position of the FAMM oil boom, warning buoys, and a general overview is shown in Photo 2.

**Other Comments:** No sheen is evident in or around the cap area. Photo 3 shows the water surface and shoreline immediately downriver of the sediment cap.

**Recorded by:** **Douglas Laffoon**

Photo 1 — *River level currently above the extent of sediment cap (3/27/15):*



Photo 2 - *FAMM oil boom around barge and tug boats. Mariner warning buoys in place across pilot cap area. (3/27/15):*





Photo 3 — *Conditions immediately downriver of cap area (3/27/15):*

